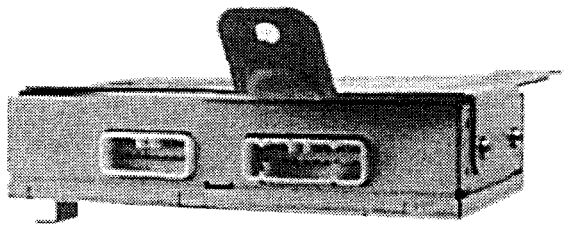
TOYOTA
AUDIO COMPONENT SERVICE MANUAL



CY-BT4001A
POWER AMP

TOYOTA PART No. : 86280-60230
VEHICLE : LAND CRUSER 100
DESTINATION : Europe
PRODUCTED AFTER : Aug., 2000

Specification*

General

Power Supply	DC 12V (11V - 16V), Test Voltage 13.2V Negative Ground
Current Consumption	Less than 1.5A (at 0.5W)

Power Output

<Front>	17W×2 (4Ω)
<Rear>	17W×2 (4Ω)
<Woofer>	20W×2 (4Ω)

Dimensions**	132 x 40 x 180 mm (W×H×D)
Weight**	1.1kg

* Specifications and the design are subject to possible modification without notice due to improvements.

** Dimensions and Weight shown are approximate.

PUB. No. 80600

Manufactured for TOYOTA
by Matsushita Communication Industrial Co., Ltd.

-BT4001A

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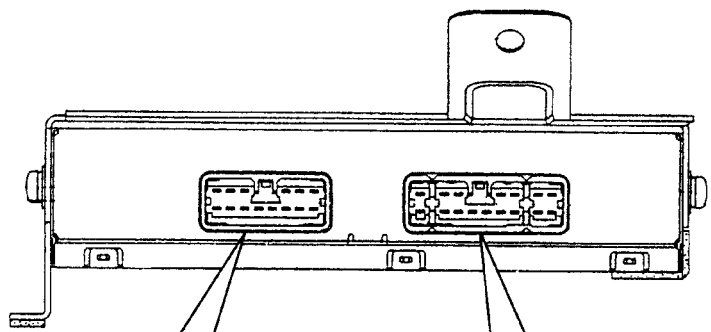
1 REAR VIEW AND CONNECTORS

<CY-BT4001A>



CN702 14P CONNECTOR

6	5	4				3	2	1
14	13	12	11	10	9	8	7	

1. Ext. Amp drive signal input (AMP+)
2. Power supply, ACC input (ACC, IN)
3. Power supply, +B (+B)
4. Beep signal (BEEP)
5. Front Left (+) signal input (FL+)
6. Front Right (+) signal input (FR+)
7. Illumi. (+) power supply input (ILL+, IN)
8. Illumi. (+) power supply output (ILL+, OUT)
9. Power supply, ACC output (ACC, OUT)
10. Ground (GND)
11. Signal Ground (S.GND)
12. Mute (MUTE)
13. Rear Left (+) signal input (RL+)
14. Rear Right (+) signal input (RR+)

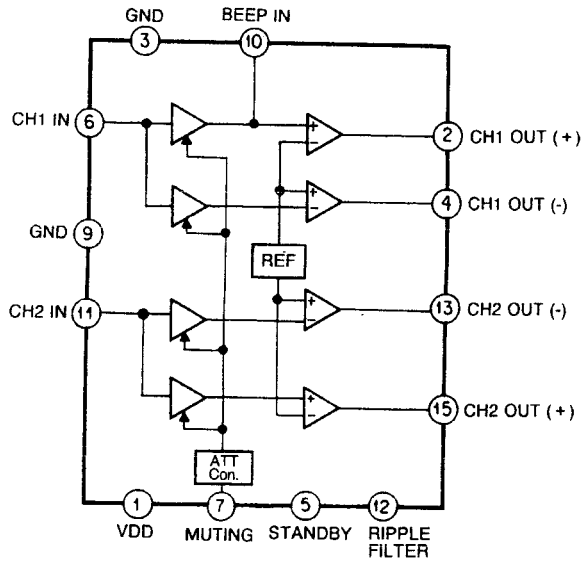
CN701 16P CONNECTOR

7	6	5				4	3	2	1
16	15	14	13	12	11	10	9	8	

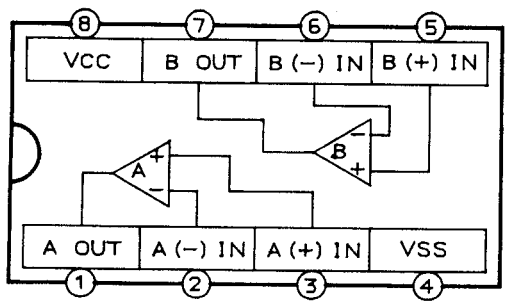
1. Front Right (+) signal output (FR+)
2. Front Left (+) signal output (FL+)
3. Rear Right (+) signal output (RR+)
4. Rear Left (+) signal output (RL+)
5. Woofer Right (+) signal output (WR+)
6. Woofer Left (+) signal output (WL+)
7. Power supply, +B (+B)
8. Front Right (-) signal output (FR-)
9. Front Left (-) signal output (FL-)
10. Rear Right (-) signal output (RR-)
11. Rear Left (-) signal output (RL-)
12. Ground (GND)
13. Ground (GND)
14. Woofer Right (-) signal output (WR-)
15. Woofer Left (-) signal output (WL-)
16. Power supply, +B (+B)

2 IC BLOCK DIAGRAM

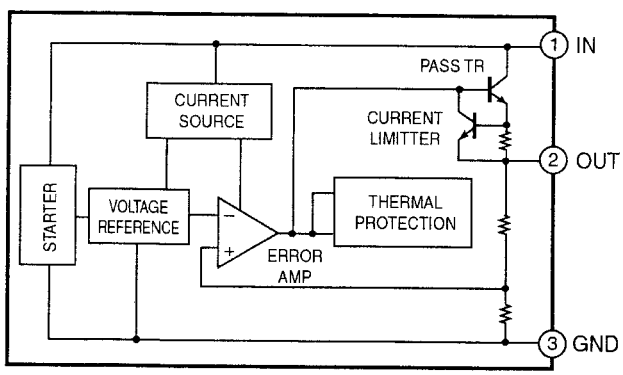
2.1. Main Block



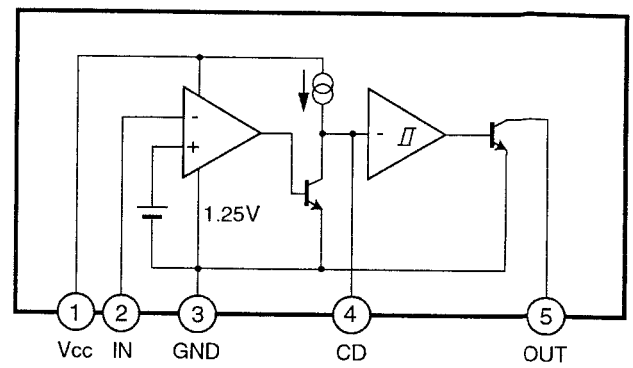
IC201, 301, 401 : AN7190NZ



IC402, 403, 502, 503 : YEAMPC4570T1

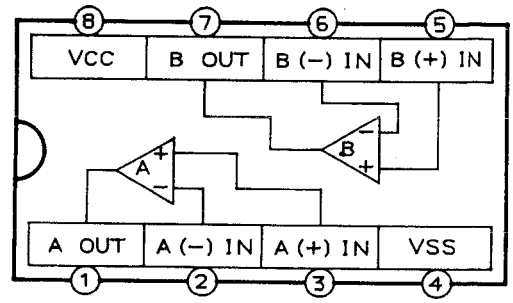


AN78N08

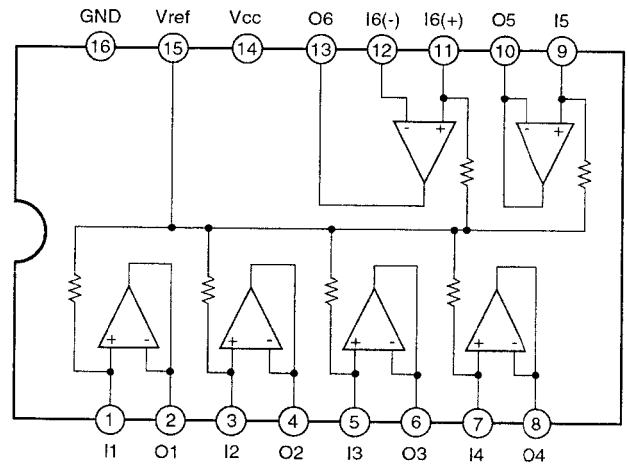


IC702 : YEAMM51957BL

2.2. Fix EQ. Block



IC1, 3, 61, 401, 501 : YEAMPC4570T1



IC2, 62 : YEAMTA2062FL

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3 REPLACEMENT PARTS LIST

Notes :

1. Be sure to make your orders of replacement parts according to this list.
2. Important safety notice: Components, identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
5. "MCC" marks in remarks column are indicated supply parts of Matsushita Communication Industrial Corp. of America (MCC).

3.1. MAIN BLOCK [E8878A]

IC's and TRANSISTORs

Ref. No.	Part No.	Part Name & Description	Remarks
IC201	AN7190NZ	IC	
IC301	AN7190NZ	IC	
IC401	AN7190NZ	IC	
IC402	YEAMPC4570T1	IC	
IC403	YEAMPC4570T1	IC	
IC502	YEAMPC4570T1	IC	
IC503	YEAMPC4570T1	IC	
IC701	AN78N08	IC	
IC702	YEAMM51957BL	IC	
Q701	2SB929-Q	Transistor	
Q702	B1GBCFJN0005	Transistor	
Q703	2SB929-Q	Transistor	
Q704	B1GBCFJN0005	Transistor	
Q705	2SB929-Q	Transistor	
Q706	B1GBCFJN0005	Transistor	
Q707	B1ADJC000003	Transistor	
Q708	B1GBCFJN0005	Transistor	

DIODEs

Ref. No.	Part No.	Part Name & Description	Remarks
D200	YEADRD39M2T2	Diode	
D250	YEADRD39M2T2	Diode	
D300	YEADRD39M2T2	Diode	
D350	YEADRD39M2T2	Diode	
D701	B0ZAZ0000007	Diode	
D702	YEAD30D2FC6	Diode	
D703	MA151WKTX	Diode	
D704	YEADEC10DS1	Diode	

CAPACITORs

Ref. No.	Part No.	Part Name & Description	Remarks
C201	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C202	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C203	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C204	YECUS1H471JM	Ceramic, 470PF 50WV	
C205	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C206	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C207	ECEA1CPU471B	Electrolytic, 470μF 16WV	
C208	ECEA1CKA330B	Electrolytic, 33μF 16WV	
C251	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C252	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C253	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C254	YECUS1H471JM	Ceramic, 470PF 50WV	
C255	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C256	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C257	ECEA1CPU471B	Electrolytic, 470μF 16WV	
C258	ECEA1CKA330B	Electrolytic, 33μF 16WV	
C259	YECUS1H103KX	Ceramic, 0.01μF 50WV	
C301	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C302	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C303	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C304	YECUS1H471JM	Ceramic, 470PF 50WV	
C305	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C306	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C351	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C352	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C353	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C354	YECUS1H471JM	Ceramic, 470PF 50WV	
C355	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C356	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C401	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C402	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C403	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C404	YECUS1H471JM	Ceramic, 470PF 50WV	
C405	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C406	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C407	ECEA1CPU471B	Electrolytic, 470μF 16WV	
C408	ECEA1CKA330B	Electrolytic, 33μF 16WV	
C409	YECUS1H103KX	Ceramic, 0.01μF 50WV	
C410	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C411	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C414	YECUS1C104KX	Ceramic, 0.1μF 16WV	
C415	YECUS1C683KX	Ceramic, 0.068μF 16WV	
C416	YECUS1E223KX	Ceramic, 0.022μF 25WV	
C419	YECUS1C104KX	Ceramic, 0.1μF 16WV	
C420	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C501	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C502	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C503	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C504	YECUS1H471JM	Ceramic, 470PF 50WV	
C505	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C506	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C510	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C511	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C514	YECUS1C104KX	Ceramic, 0.1μF 16WV	
C515	YECUS1C683KX	Ceramic, 0.068μF 16WV	
C516	YECUS1E223KX	Ceramic, 0.022μF 25WV	
C519	YECUS1C104KX	Ceramic, 0.1μF 16WV	
C520	ECEA1CPK100B	Electrolytic, 10μF 16WV	
C700	YECUV2A103KX	Ceramic, 0.01μF 100WV	
C701	ECA1CDT102BQ	Electrolytic, 1000μF 16WV	
C702	ECA1CDT102BQ	Electrolytic, 1000μF 16WV	
C703	F1B1H103A007	Ceramic, 0.01μF 50WV	
C704	YECUV2A103KX	Ceramic, 0.01μF 100WV	
C705	YECUV2A103KX	Ceramic, 0.01μF 100WV	
C706	YECUV2A103KX	Ceramic, 0.01μF 100WV	
C707	YECUV2A103KX	Ceramic, 0.01μF 100WV	
C708	ECA1CM222B	Electrolytic, 2200μF 16WV	
C709	ECEA1CKA330B	Electrolytic, 33μF 16WV	
C710	ECEA1CKA100B	Electrolytic, 10μF 16WV	
C711	ECEA1CKA100B	Electrolytic, 10μF 16WV	
C712	ECEA1HKAR68B	Electrolytic, 0.68μF 50WV	
C713	ECEA1APU101	Electrolytic, 100μF 10WV	
C714	ECEA0JPU331B	Electrolytic, 330μF 6.3WV	
C715	YECUV2A103KX	Ceramic, 0.01μF 100WV	
C716	YECUV2A103KX	Ceramic, 0.01μF 100WV	
C717	YECUS1H103KX	Ceramic, 0.01μF 50WV	
C718	ECA1CDT102BQ	Electrolytic, 1000μF 16WV	
C719	ECA1CDT102BQ	Electrolytic, 1000μF 16WV	
C724	ECEA0JKA470B	Electrolytic, 47μF 6.3WV	
C731	ECA1CM331B	Electrolytic, 330μF 16WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C732	F1L1C334A003	Ceramic, 0.33µF 16WV	
C733	YECUV1C104KX	Ceramic, 0.1µF 16WV	
C735	ECQV1H104B46	Plastic Film, 0.1µF 50WV	
R415	YECUS1C823KX	Ceramic, 0.082µF 16WV	
R422	YECUS1E223KX	Ceramic, 0.022µF 25WV	
R515	YECUS1C823KX	Ceramic, 0.082µF 16WV	
R522	YECUS1E223KX	Ceramic, 0.022µF 25WV	

RESISTORs

Ref. No.	Part No.	Part Name & Description	Remarks
C412	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
C413	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
C512	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
C513	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
J5	ERJ8GX0R00V	Chip, 0Ω 1/8W	
J6	ERJ8GX0R00V	Chip, 0Ω 1/8W	
J7	ERJ8GX0R00V	Chip, 0Ω 1/8W	
J8	ERJ8GX0R00V	Chip, 0Ω 1/8W	
J100	ERJ6GEY0R00	Chip, 0Ω 1/10W	
J701	ERJ8GX0R00V	Chip, 0Ω 1/8W	
R200	ERJ8GEYJ470V	Chip, 47Ω 1/8W	
R201	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R202	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R203	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R204	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R250	ERJ8GEYJ470V	Chip, 47Ω 1/8W	
R251	ERJ6GEYJ123	Chip, 12kΩ 1/10W	
R252	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R253	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R254	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R255	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R256	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R300	ERJ8GEYJ470V	Chip, 47Ω 1/8W	
R301	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R302	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R303	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R304	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R350	ERJ8GEYJ470V	Chip, 47Ω 1/8W	
R351	ERJ6GEYJ123	Chip, 12kΩ 1/10W	
R352	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R353	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R354	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R355	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R356	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R401	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R402	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R403	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R404	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R410	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R411	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R412	ERJ6GEYJ333	Chip, 33kΩ 1/10W	
R413	ERJ6GEYJ392	Chip, 3.9kΩ 1/10W	
R414	ERJ6GEYJ273	Chip, 27kΩ 1/10W	
R416	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R417	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R418	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R419	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R420	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R421	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R501	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R502	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R503	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R504	ERJ6GEYJ2R2	Chip, 2.2Ω 1/10W	
R510	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R511	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R512	ERJ6GEYJ333	Chip, 33kΩ 1/10W	
R513	ERJ6GEYJ392	Chip, 3.9kΩ 1/10W	
R514	ERJ6GEYJ273	Chip, 27kΩ 1/10W	
R516	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R517	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R518	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R519	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R520	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R521	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R701	ERJ14YJ102H	Chip, 1kΩ 1/4W	
R702	ERJ14YJ102H	Chip, 1kΩ 1/4W	
R703	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R704	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R705	ERJ6GEYJ333	Chip, 33kΩ 1/10W	
R706	ERJ6GEYJ333	Chip, 33kΩ 1/10W	
R707	ERJ6GEYJ681	Chip, 680Ω 1/10W	
R708	ERJ6GEYJ681	Chip, 680Ω 1/10W	
R709	ERJ14YJ152H	Chip, 1.5kΩ 1/4W	
R710	ERJ14YJ152H	Chip, 1.5kΩ 1/4W	
R711	ERJ8GEYJ473V	Chip, 47kΩ 1/8W	
R712	ERJ8GEYJ473V	Chip, 47kΩ 1/8W	
R713	ERJ8GEYJ562V	Chip, 5.6kΩ 1/8W	
R714	ERJ8GEYJ104V	Chip, 100kΩ 1/8W	
R715	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R716	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R717	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R718	ERJ8GEYJ102V	Chip, 1kΩ 1/8W	
R719	ERJ8GEYJ102V	Chip, 1kΩ 1/8W	
R720	ERJ6GEYJ822	Chip, 8.2kΩ 1/10W	
R721	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R723	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R724	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R725	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R726	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R727	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
R731	ERJ14YJ1R2H	Chip, 1.2Ω 1/4W	
R732	ERJ14YJ152H	Chip, 1.5kΩ 1/4W	
R733	ERJ6GEYJ333	Chip, 33kΩ 1/10W	
R734	ERJ14YJ1R2H	Chip, 1.2Ω 1/4W	

CONNECTORs

Ref. No.	Part No.	Part Name & Description	Remarks
CN1	YEAE0107BWAZ	Connector, 7P	
CN2	YEAE0108BWAZ	Connector, 8P	
CN3	YEAE0108BWAZ	Connector, 8P	
CN701	YEAE011957	Connector, 16P	
CN702	YEAE011681	Connector, 14P	

COILs

Ref. No.	Part No.	Part Name & Description	Remarks
L701	G0A451J00001	Coil	
L702	G0A451J00001	Coil	
L703	YETQ020F095	Coil	

3.2. FIX EQ. BLOCK [E8303]

IC's and TRANSISTORs

Ref. No.	Part No.	Part Name & Description	Remarks
IC1	YEAMPC4570T1	IC	
IC2	YEAMTA2062FL	IC	
IC3	YEAMPC4570T1	IC	
IC61	YEAMPC4570T1	IC	
IC62	YEAMTA2062FL	IC	
IC401	YEAMPC4570T1	IC	
IC501	YEAMPC4570T1	IC	

CAPACITORs

Ref. No.	Part No.	Part Name & Description	Remarks
C1	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C2	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C3	YECUS1C683KX	Ceramic, 0.068µF 16WV	
C4	YECUS1C154KX	Ceramic, 0.15µF 16WV	
C8	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C9	YECUS1H562KX	Ceramic, 0.0056µF 50WV	
C10	YECUS1H152KX	Ceramic, 0.0015µF 50WV	
C12	YECUS1H681JM	Ceramic, 680PF 50WV	
C13	YECUS1H392KX	Ceramic, 0.0039µF 50WV	
C14	YECUS1H390JM	Ceramic, 39PF 50WV	
C21	YECUS1C104KX	Ceramic, 0.1µF 16WV	

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Ref. No.	Part No.	Part Name & Description	Remarks
C22	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C30	YECUS1H222KX	Ceramic, 0.0022µF 50WV	
C31	YECUS1H390JM	Ceramic, 39PF 50WV	
C61	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C62	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C63	YECUS1C683KX	Ceramic, 0.068µF 16WV	
C64	YECUS1C154KX	Ceramic, 0.15µF 16WV	
C68	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C69	YECUS1H562KX	Ceramic, 0.0056µF 50WV	
C70	YECUS1H152KX	Ceramic, 0.0015µF 50WV	
C72	YECUS1H681JM	Ceramic, 680PF 50WV	
C73	YECUS1H392KX	Ceramic, 0.0039µF 50WV	
C74	YECUS1H390JM	Ceramic, 39PF 50WV	
C81	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C82	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C90	YECUS1H222KX	Ceramic, 0.0022µF 50WV	
C91	YECUS1H390JM	Ceramic, 39PF 50WV	
C407	YECUS1H560JM	Ceramic, 56PF 50WV	
C408	YECUS1H560JM	Ceramic, 56PF 50WV	
C409	YECUS1H560JM	Ceramic, 56PF 50WV	
C411	YECUS1H560JM	Ceramic, 56PF 50WV	
C507	YECUS1H560JM	Ceramic, 56PF 50WV	
C508	YECUS1H560JM	Ceramic, 56PF 50WV	
C509	YECUS1H560JM	Ceramic, 56PF 50WV	
C511	YECUS1H560JM	Ceramic, 56PF 50WV	
C710	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C711	YECUS1C104KX	Ceramic, 0.1µF 16WV	

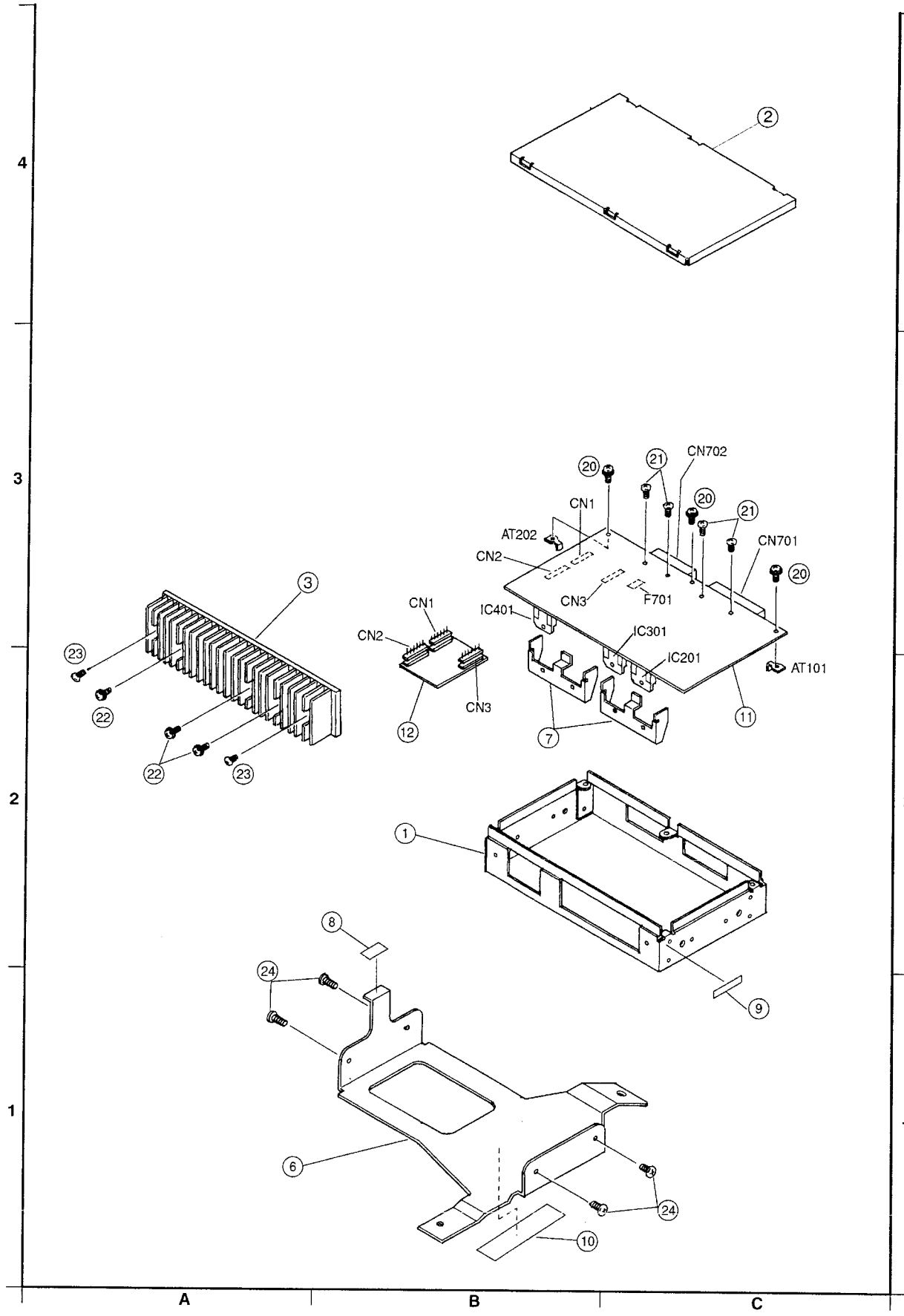
RESISTORs

Ref. No.	Part No.	Part Name & Description	Remarks
R1	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R2	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R3	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R4	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R5	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R6	ERJ6GEYJ562	Chip, 5.6kΩ 1/10W	
R8	ERJ6GEYJ152	Chip, 1.5kΩ 1/10W	
R9	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R10	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R21	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R22	ERJ6GEYJ153	Chip, 15kΩ 1/10W	
R23	ERJ6GEYJ823	Chip, 82kΩ 1/10W	
R27	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R28	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R61	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R62	ERJ6GEYJ153	Chip, 15kΩ 1/10W	
R63	ERJ6GEYJ823	Chip, 82kΩ 1/10W	
R64	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R65	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R66	ERJ6GEYJ562	Chip, 5.6kΩ 1/10W	
R68	ERJ6GEYJ152	Chip, 1.5kΩ 1/10W	
R69	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R70	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R81	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R82	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R83	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R87	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R88	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R405	ERJ6ENF2002	Carbon, 20kΩ 1/10W	
R406	ERJ6ENF2002	Carbon, 20kΩ 1/10W	
R407	ERJ6ENF2002	Carbon, 20kΩ 1/10W	
R409	ERJ6ENF3302V	Carbon, 33kΩ 1/10W	
R410	ERJ6ENF3302V	Carbon, 33kΩ 1/10W	
R411	ERJ6ENF2002	Carbon, 20kΩ 1/10W	
R412	ERJ6ENF3302V	Carbon, 33kΩ 1/10W	
R414	ERJ6ENF3302V	Carbon, 33kΩ 1/10W	
R505	ERJ6ENF2002	Carbon, 20kΩ 1/10W	
R506	ERJ6ENF2002	Carbon, 20kΩ 1/10W	
R507	ERJ6ENF2002	Carbon, 20kΩ 1/10W	
R509	ERJ6ENF3302V	Carbon, 33kΩ 1/10W	
R510	ERJ6ENF3302V	Carbon, 33kΩ 1/10W	
R511	ERJ6ENF2002	Carbon, 20kΩ 1/10W	
R512	ERJ6ENF3302V	Carbon, 33kΩ 1/10W	
R514	ERJ6ENF3302V	Carbon, 33kΩ 1/10W	

3.3. Miscellaneous

Ref. No.	Part No.	Part Name & Description	Remarks
AT101, 202	YEAT03435	Terminal	
F701 ⚠	YEAF02020	Fuse, 10A	
1	YEFA011872	Chassis	
2	YEFA031711	Upper Cover	
3	YEFF011011	Heat Sink	
6	YEFG021091	Bracket	
7	YEFX0214406	Bracket	
8	YEFS011488	Seal	
9	YEFS011440	Seal	
10	YEFS011729	Seal	
11	YEP0PT8878A0	PCB w/Component	RTL
12	YEP0PT8303H0	PCB w/Component	RTL
20	YEJT03015	Tapping Screw,	
21	YEJT03141	Tapping Screw,	
22	YEJT03159	Tapping Screw,	
23	XSB3+8FXS	Screw,	
24	XYN5+F8FX	Screw,	

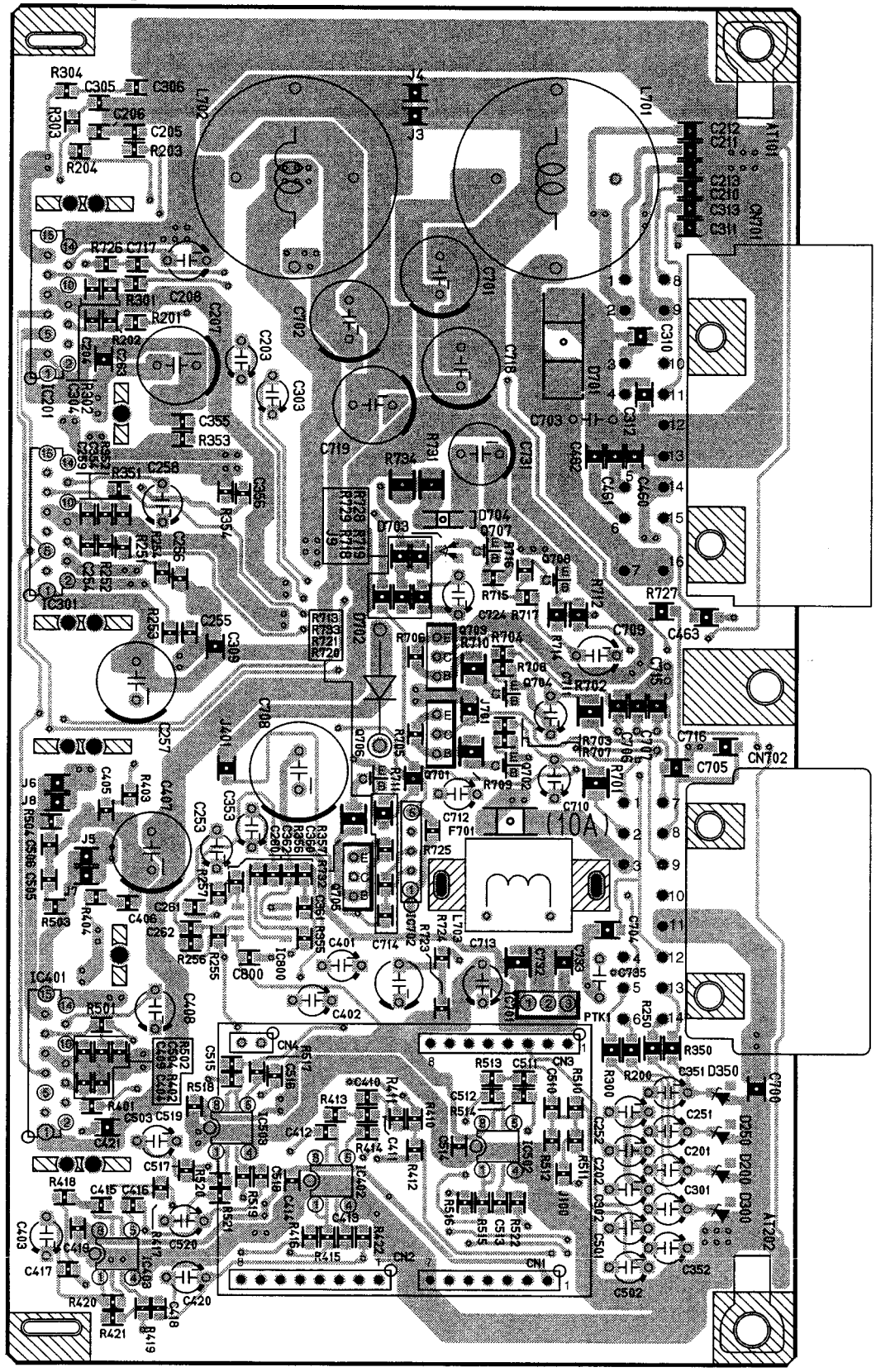
4 EXPLODED VIEW



5 WIRING DIAGRAN

5.1. Main Block (Top View)

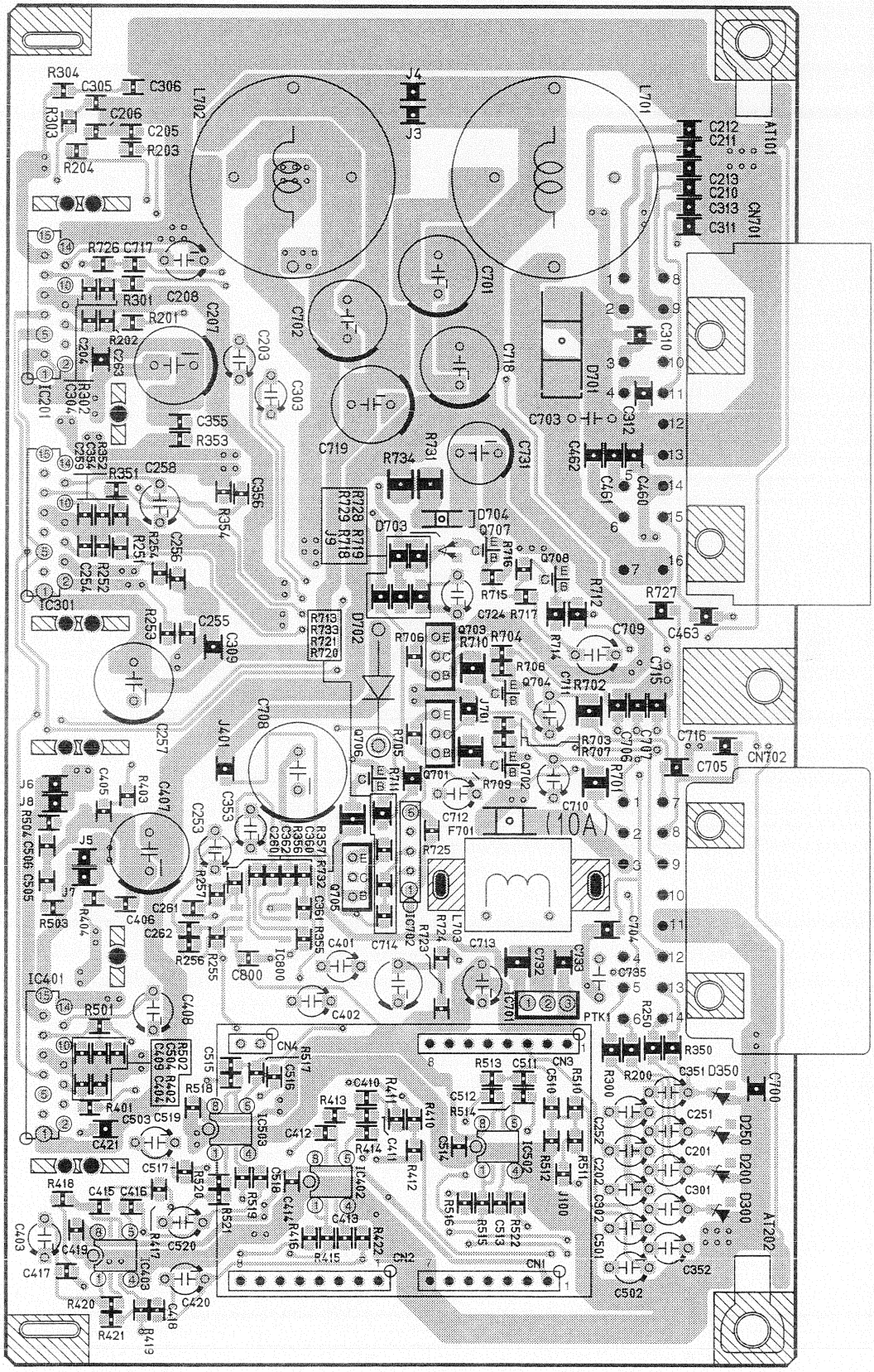
[E-8878A] <TOP VIEW>



5 WIRING DIAGRAN

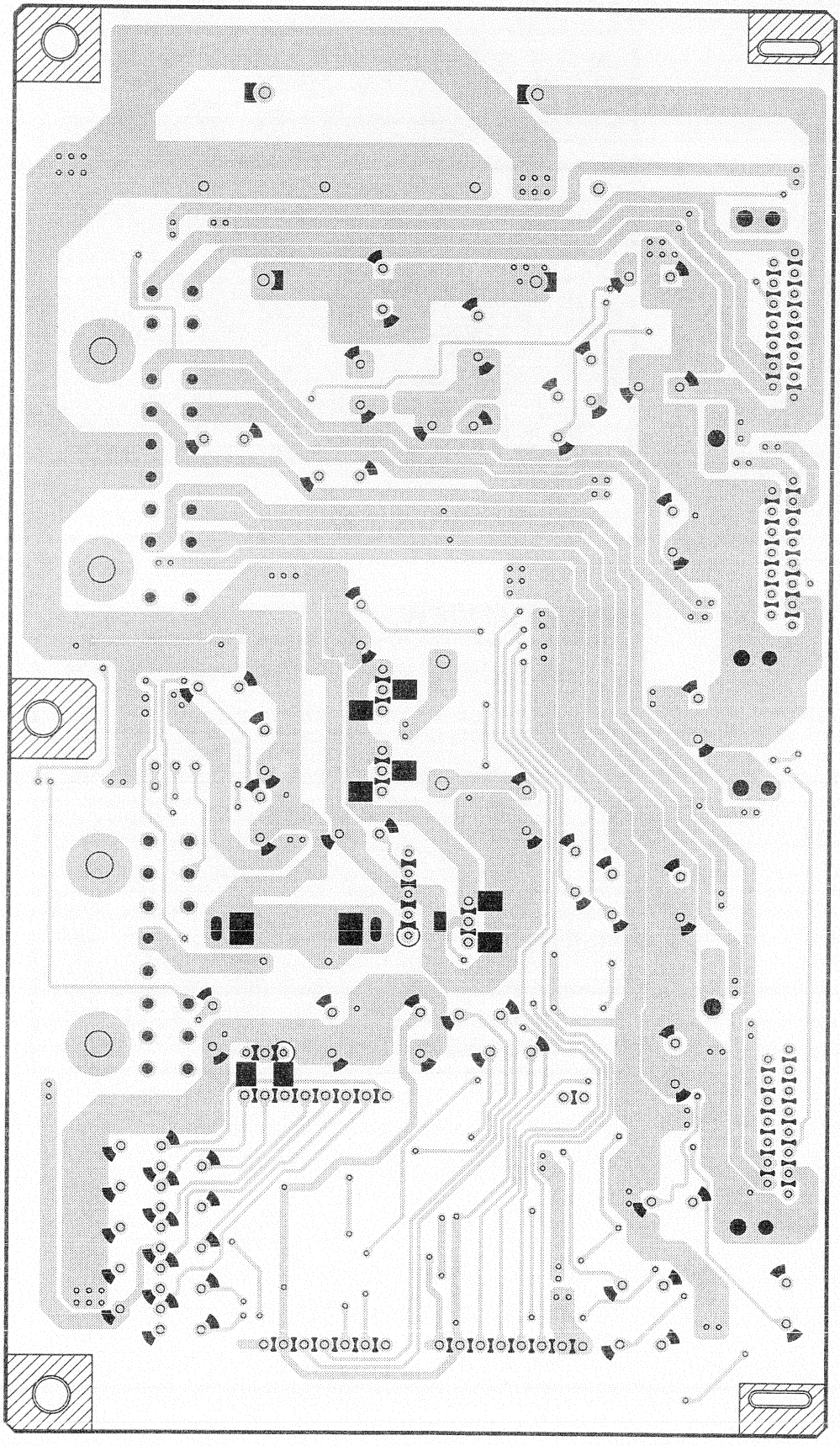
5.1. Main Block (Top View)

[E-8878A] <TOP VIEW>



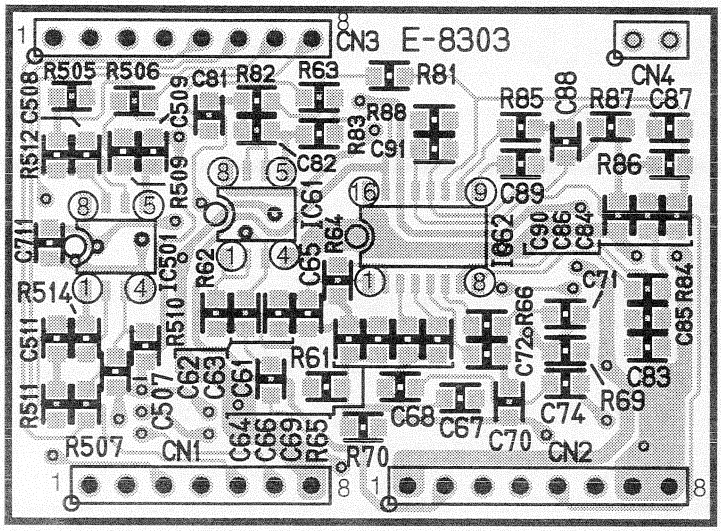
5.2. Main Block (Bottom View)

<BOTTOM VIEW>

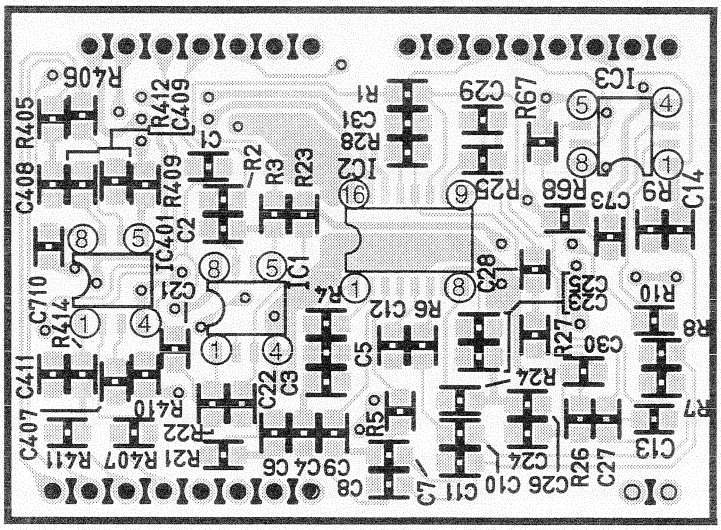


5.3. Fix EQ. Block

[E-8303] <TOP VIEW>

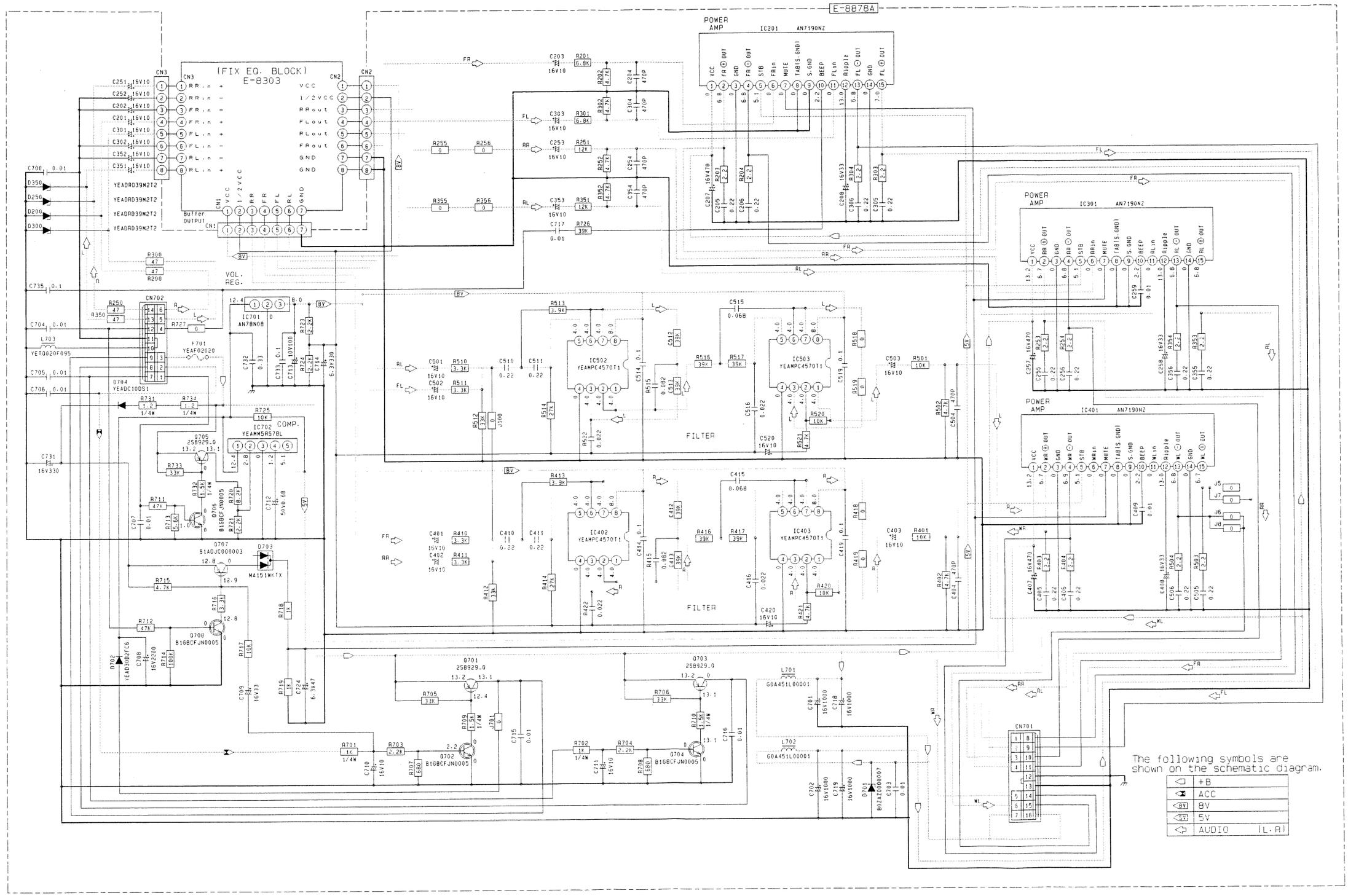


<BOTTOM VIEW>

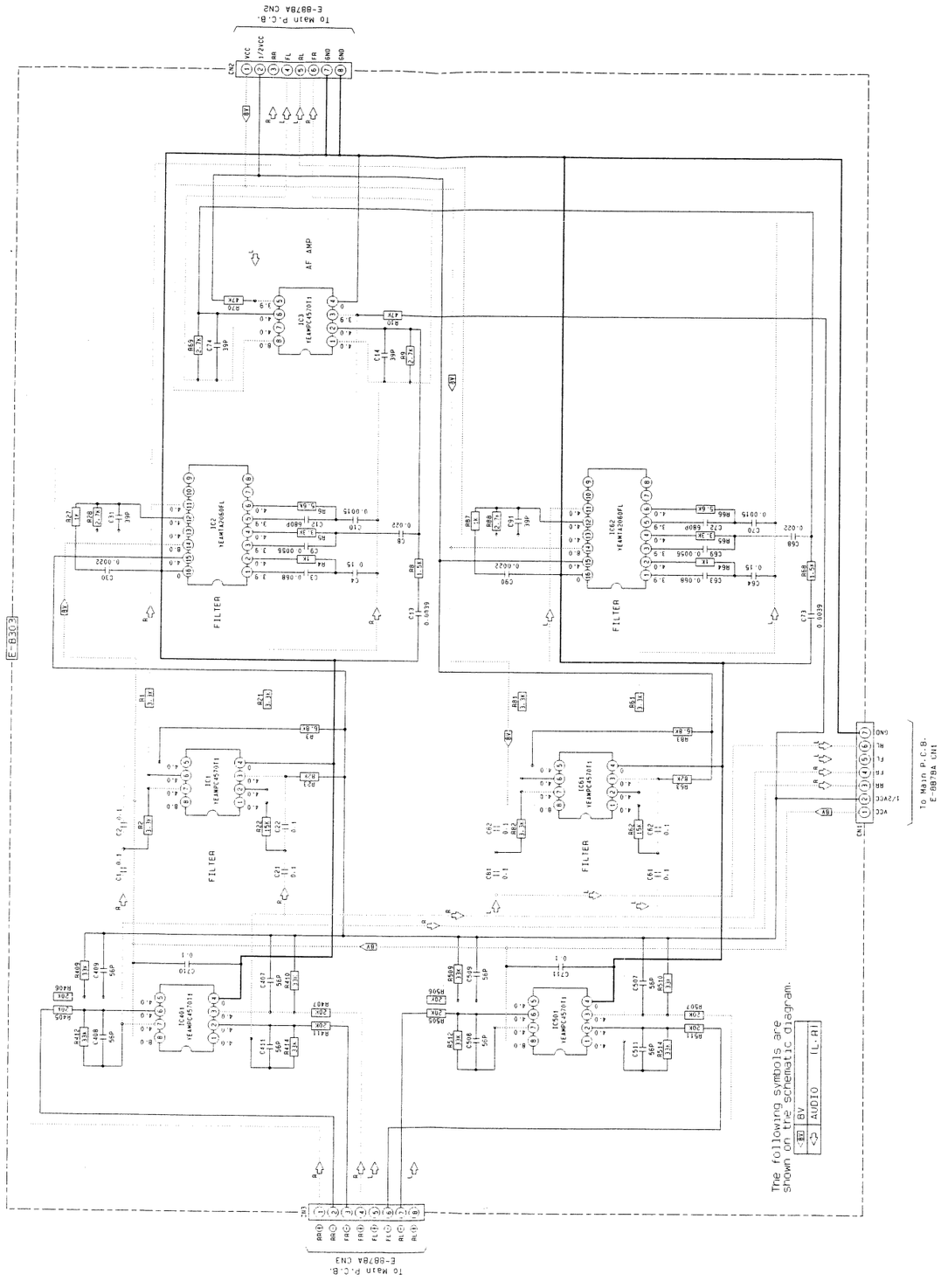


6 SCHEMATIC DIAGRAM

6.1. Main Block



6.2. Fix EQ. block



PARTS AVAILABILITY

HOW TO ORDER REPLACEMENT PARTS

Replacement parts can be ordered from either a Parts Depot or directly from Toyota Motor Corporation. When ordering, please refer to the Replacement Parts List in this service manual to insure that you receive the correct part.
Please enter not only part number(s) but also unit number of TOYOTA car radio / car stereo in a REMARKS columun of the order sheet.

DISPONIBILIDAD DE PARTES DE REPUESTO

METODO DE HACER PEDIDOS DE PARTES DEREPUESTO

Partes de repuesto pueden pedirse tanto a un Depósito de Partes de Repuesto (Parts Depot) como directamente a la Toyota Motor Corporation. En hacer los pedidos, refiérase a la Lista de Partes de Repuesto que se encuentra en este manual de servicio a fin de asegurarse de su recibo de las partes correctas.
Favor llenar la columna OBSERVACIONES de la hoja de pedido no solamente con el (los) número(s) de part(s) sino también con el número de la unidad de radio/estéreo de carro, TOYOTA.

DISPONIBILITE DE PIECES

MOYEN DE COMMANDER DES PIECES DE RECHANGE.

Les pièces de rechange seront commandées au Depôt de Pièces (Parts Depot) ou directement à Toyota Motor Corporation. Lors d'une commande, veuillez consulter le Liste de pièces de rechange dans ce manuel d'atelier pour être sûr que vous recevez la pièce extacte. Veuillez écrire non seulement le(s) numéro(s) de pièce mais aussi le numéro d'unité de TOYOTA auto-radio/auto-stéréo dans la colonne REMARQUES du bullentin de commande.

TOYOTA PARTS AND ACCESSORIES ORDER

TO OVERSEAS PARTS DEPARTMENT — TOYOTA MOTOR CORPORATION NAGOYA, JAPAN

PAGE NO ____ OF ____

☐ WEEKLY AIR ORDER ☐ EMERGENCY AIR ORDER
☐ NEW PARTS ORDER FOR MODEL: ..... ☐ PRINTED MATTER
☐ OTHERS: .....

DATE | B O | ORDER NO

AIR FREIGHT

TO (PORT)

TOYOTA'S COLUMNS

1 CD 3	4 DIST F/D CODE 10	11 ORDER NO 18	19 H/I
DA5	9		2

TOYOTA'S COLUMNS

20 ITEM NO 23	24 PART NO 38	39 QTY 44	45 TRF 47	48 LOCATION 55	56 指定価格 64	65 引当指示日 70	REMARKS
	YEFC021421						86120-32040

U.S.A. — PANASONIC PARTS DEPOT

EASTERN REGIONAL PARTS DEPOT
1225 NORTHBROOK PARKWAY SUITE 2-400
SUWANEE, GA 30174
PHONE : (404) 388-6800

WESTERN REGIONAL PARTS DEPOT
20421 84TH AVE. SOUTH
KENT, WA 98032
PHONE : (206)-395-7343

CANADA — PANASONIC PARTS DEPOT

TRONTO
PANASONIC CANADA INC.
5770 AMBLER DRIVE, MISSISSAUGA, ONTARIO L4W 2T3
PHONE : (905)-624-5010

EUROPE — PANASONIC PARTS DEPOT

HAMBURG
PANASONIC SERVICE DEUTSCHLAND G.M.B.H.
2000 HAMBURG 28 AUSSCHLAGER BILLDEICH 32 F.R. GERMANY
PHONE : (040)-789511

SCANDINAVIA — PANASONIC PARTS DEPOT

STOCKHOLM
PANASONIC SERVICE SCANDINAVIAN A.B.
INSTRUMENTVAGEN 29-31, BOX 43047,
100 72 STOCKHOLM, SWEDEN
PHONE : 08-190180

AUSTRALIA — PANASONIC PARTS DEPOT

SYDNEY
PANASONIC AUSTRALIA PTY, LTD
1 GARIGAL ROAD, BELROSE, N.S.W. 2085
PHONE : (02)-986-7640

MELBOURNE
PANASONIC AUSTRALIA PTY, LTD
1 CARIBBEAN DRIVE, SCORESBY VIC. 3179
PHONE : (03)-213-8888

ADELAIDE
PANASONIC AUSTRALIA PTY, LTD
125 PORT ROAD, HINDMARSH S.A. 5007
PHONE : (08)-346-3999

BRISBANE
PANASONIC AUSTRALIA PTY, LTD
494 NUDGEE ROAD, HENDRA QUEENSLAND, 4012
PHONE : (07)-268-6455

PERTH
PANASONIC AUSTRALIA PTY, LTD
37 KEWDALE ROAD, WELSHPOOL, W.A. 6106
PHONE : (09)-451-7211

OTHER COUNTRIES

Please order from the Overseas Parts Department, Toyota Motor Corporation, using the normal Parts & Accessories Order From for ordering Automobile parts.

OTROS PAISES

Favor hacer pedidos al Departamento Partes al Ultramar (Overseas parts Department), Toyota Motor Corporation utilizando el formulario normal de pedido de partes y accesorios que se usa para pedir las partes de repuestos de automóviles.

AUTRES PAYS

Veuillez commandes au département de pièces d'outre-mer (Overseas Parts Department), Toyota Motor Corporation, en vous servant du Bulletin de Commande Pièces & Accessoires pour des commandes de pièces d'automobile.

TOYOTA MOTOR CORPORATION

OVERSEAS SERVICE DIVISION

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